SECTION 401 WATER QUALITY CERTIFICATION
Applications for the following projects are currently being reviewed by Regional Board staff for consideration of Water Quality Certification under Section 401 of the Clean Water Act. If you wish to be informed of the status and/or final Certification action on any of these projects and/or further information, please contact Valerie Carrillo at (213) 576-6759.

Project descriptions are provided by the Applicant.

We encourage public input during the Certification process. Comments on any of these projects may be submitted in writing to:

Los Angeles Regional Water Quality Control Board
320 W. 4th Street, Suite 200
Los Angeles, CA 90013
Attn: 401 Certification Unit

File No: 12-115
Project Proponent: Ventura Port District
Agent: Richard Parsons
Project Name: Ventura Harbor Public Ramp Replacement
Receiving Waters: Pierpont Bay/Pacific Ocean
City/County: Ventura, Ventura County
Project Status: pending review
Public Notice: 10/01/12 to Present

Project Description: The project proposes to replace the existing launch ramp (266 ft.) with a smaller ramp (170 ft. wide / 110 foot long) due to the cracks on the perimeter of the existing ramp and the ramp having insufficient grooves for tire traction. The new ramp will continue to have 6 lanes for vehicles plus a 50 foot wide area for launching non-motorized boats.

File No: 12-104
Project Proponent: California Department of Fish and Game
Agent: Psomas, Mike Crehan
Project Name: Geotechnical Investigations: Ballona Wetland Restoration
Receiving Waters: Ballona Wetlands, Ballona Creek
City/County: Playa Del Rey, Culver City, County of Los Angeles
Project Status: pending review
Public Notice: 8/06/12 to Present

Project Description: The focus of this project is the restoration and management of the 600-acre Ballona Wetlands. To help with restoration geological data collection is needed. Soil borings (4-8 inches in diameter-70 feet deep) primarily in areas that are already disturbed, and biological assessment will be collected for this project.

File No: 12-092
Project Proponent: BMIF/BSLF Rancho Malibu Ltd Partnership
Agent: Trisha Coffey
Project Name: Rancho Malibu
Receiving Waters:
City/County: Los Angeles County
Project Status: pending review
Public Notice: 8/09/12 to Present

Project Description: The proposed project will build roads, building pads, utilities, sewage treatment plant, and an equestrian trial within 38.5 acres. Hay bales, silt fences and other erosion control measures will be implemented during construction to prevent erosion. The total site area is a 270- acre plot, divided into eight existing lots and subdivided into 46 single family lots. With 38.5 acres being developed, 232.6 acres will remain in its natural undisturbed state undisturbed state of which 167 acres will be dedicated to a public agency.

File No: 12-111

Project Proponent: County of Los Angeles Department of Public Works
Agent: LA County Public Works, Stephanie Hsiao
Project Name: Del Mar Avenue over Alhambra Wash
Receiving Waters: Alhambra Wash
City/County: San Gabriel, Los Angeles County
Project Status: pending review
Public Notice: 9/21/12 to Present

Project Description: The proposed project is located at bridge No. 702 on Del Mar Avenue, within the city of San Gabriel. Due to the bridge being classified as structurally deficient due to rust, and the barrier being substandard; the applicant proposes a 10 foot widening from the north end of the bridge, and 300 feet southerly. The project is within 0.18 acres (170 linear feet) of streambed.

File No: 12-108
Project Proponent: Sterling Gateway
Agent: Bio Reg Consulting, Julia Strong
Project Name: Sterling Gateway Industrial, Parcel Map No. 060030
Receiving Waters: Hasley Canyon Creek/Castaic Creek/Santa Clara River
City/County: Santa Clarita, Los Angeles County
Project Status: pending review
Public Notice: 9/14/12 to Present

Project Description: The Applicant has proposed to develop a 118-acre site for an industrial park in the City of Santa Clarita. In order to grade and develop the site, 0.18 acres of ephemeral drainage will be permanently impacted (3,154 linear feet). The main ephemeral drainage is an unnamed tributary to Hasley Canyon Creek, which is tributary to Santa Clara River. Mitigation has been proposed in the form of a total of 35.5 acres of preservation.

File No: 12-105
Project Proponent: Los Angeles County Flood Control District
Agent: Jemellee Cruz
Project Name: San Gabriel River Emergency Invert Channel Repair (ACOE Station 214+01)
Receiving Waters: San Gabriel River
City/County: Los Angeles, Los Angeles County
Project Status: pending review
Public Notice: 9/13/12 to Present

Project Description: The LACFCD has identified a section of the concrete-lined channel that requires immediate repair. The project is located at the downstream end of the concrete-lined channel. The repair consists of replacing the damaged section in kind, including repairing the sub-drain system and replacing the damaged invert concrete slab, installing a new sheet pile and cap next to the damaged sheet pile wall under the concrete channel invert slab, and placing new riprap to replace the damaged/displaced riprap section and to repair the scouring of the end protection between the concrete lined channel and earthen bottom channel.

File No: 12-101
Project Proponent: Los Angeles Department of Water and Power
Agent: Katherine Rubin
Project Name: Bull Creek Channel Realignment
Receiving Waters: Upper Bull Creek to the Los Angeles River
City/County: Los Angeles, Los Angeles County
Project Status: Pending review
Public Notice: 8/30/12 to Present

Project Description: The proposed project will modify and construct several hydraulic structures and conveyance facilities to comply with the Long Term 2 Enhanced Surface Water Treatment Rule enacted by the United States Environmental Protection Agency, and accommodate new design storm flows up to the Probable Maximum Flood adopted by the California Department of Water Resources, Division of Safety of Dams, which oversees the operation and maintenance of the basins that fall within their jurisdiction, and; to improve the storm water flow and retention in the Van Normal Complex. The total project size is 33.4 acres. The proposed construction will begin mobilization on September 17, 2012 and completion is estimated to be December 1, 2016.

File No: 12-xxx file # pending
Project Proponent: California State Parks, Angeles District
Agent: Tom Dore
Project Name: Malibu Beach Pier Repair
Receiving Waters: Pacific Ocean
City/County: Malibu, Los Angeles County
Project Status: Pending review
Public Notice: 8/22/12 to Present

Project Description: Malibu Pier incorporates the use of 164 wooden pilings (piles) to hold it up out of the ocean. Currently, thirteen (13) piles are not unable to carry loads because they are broken, missing, or rotted through. These need replacement immediately. Other pilings are in Fair or Poor condition and need to be replaced soon. A complete evaluation has been performed and a report is available. None of the piles to be replaced are under buildings. This fact is mentioned because these piles will be relatively easy to reach. Decking, stringers, pile caps, and cross braces, have been visually assessed to be in good condition. The reality of this will be proven when many are detached from the piles to access the piles that will be replaced. These are the parts of the structure that sit on top of the piles but under the decking we walk on. As these parts are removed to get to the piles (piles are replaced from the top), the workers will be able to confirm the health of the parts, and if they are not in "good condition", they will be replaced with exact duplicates. There are also problems with an adjustable landing stairway and metal ladder that serves the charter boat fishing and whale watching concession, and Los Angeles County Lifeguard rescue boat, "Baywatch Malibu". Some structural members of the landing are broken and the ladder is unusable near the water.

File No: 12-xxx (file number pending)
Project Proponent:
Agent: Jennifer Morrisson
Project Name: Firestone Bridge Widening
Receiving Waters: San Gabriel River
City/County: Norwalk/Downey, Los Angeles County
Project Status: Pending review
Public Notice: 8/23/12
Project Description: The Firestone Boulevard Bridge (Bridge No. 53C-1984) carries Firestone Boulevard over the San Gabriel River, at the adjoining city boundaries between Norwalk and Downey. Firestone Boulevard is a major arterial roadway (former State Route 42) and connects the City of Norwalk to the City of Downey. It carries an average of 57,000 daily traffic trips and according to the Preliminary Engineering Report experiences a Level of Service (LOS) "F". The purpose of the proposed project is to enhance public safety and protect the San Gabriel River by replacing the existing Firestone Boulevard Bridge. The Firestone Boulevard Bridge was constructed in 1934 and widened in 1950. It is a five-span reinforced concrete "T" girder bridge with six traffic lanes. The existing bridge is geometrically obsolete, with no shoulders, a 2-foot wide center median, and 3.5-foot sidewalks. Parts of the bridge have deteriorated due to normal wear from vehicular traffic and from river flow setting during the last three decades. The new bridge would accommodate six lanes of traffic, a 10-foot center median, 8-foot shoulders, bike lanes, and sidewalks, and would improve traffic flow between the Cities of Norwalk and Downey. The existing Firestone Boulevard Bridge has a Caltrans sufficiency rating of 48.9 and is classified as "Structurally Deficient" due to the condition of the structure. The Caltrans Bridge Inspection Reports describes cracks in the concrete deck and concrete spalls/exposed reinforcing in the deck soffit.

File No: 12-091
Project Proponent: United Water Conservation District
Agent: Catherine McCalvin
Project Name: Freeman Diversion Routine Maintenance
Receiving Waters: Santa Clara River
City/County: Saticoy, Ventura County
Project Status: Pending review
Public Notice: 8/13/2012 to Present

Project Description: United Water Conservation District (United) is developing a habitat conservation plan (HCP) to obtain an incidental take permit under the Endangered Species Act (ESA) for, among other activities, its operations of the Freeman Diversion Facility on the Santa Clara River in Saticoy, Ventura County, California. United is proposing to make maintenance of Piru Creek below Santa Felicia Dam, Piru Diversion on lower Piru Creek, and a major

modification to the Freeman Diversion as part of the conservation measures for the HCP intended to minimize take of the endangered southern California steelhead (Oncorhynchus mykiss) and rare Pacific lamprey (Lampetra tridentata). The proposed modification is the installation of a hardened ramp at the diversion structure. This would involve laying back an approximately 80-foot wide portion of the dam structure on its upstream side to roughly a 6% slope creating a concrete ramp approximately 387 feet long. These dimensions are estimates based on conceptual designs. United will complete hydraulic modeling of the ramp to complete a final design and refine these dimensions. This ramp has been identified as a means to improve passage conditions for steelhead and the Pacific lamprey compared to the passage conditions afforded by the current fish ladder. United is proposing to upgrade the diversion on Piru Creek to reduce the effects on aquatic species, by installing a fish screen

File No: 12-090
Project Proponent: City of Hermosa Beach, Public Works
Agent: TranSystems Corporation
Project Name: Hermosa Beach Pier Repairs
Receiving Waters: Pacific Ocean
City/County: Hermosa Beach, Los Angeles County
Project Status: Pending review
Public Notice: 8/13 to Present

Project Description: To make necessary repairs in order to maintain a safe facility for recreational use by the public, and to avoid the probability of more extensive repairs in the future that could require pier closure. Two types of repairs are proposed: Repairs to six (6) badly spalled pier piling; removal of one broken concrete pier deck panel, with construction of a new concrete deck panel in its place. The existing broken precast, pre-stressed, concrete deck panel is approximately 1 -foot 5-inches thick by 5-feet wide, by approximately 32feet long. One of the concrete piling to be repaired at Bent 16 (16" octagonal) will require in-water repair by divers. The five other piling repair locations are above the Mean High Tide line and can be repaired in dry conditions. All of the piling will be repaired under similar methodology: Removal of oil, rust, dirt, rust, scale, loose concrete from the piling. The contractor shall comply with all federal, State, and local water and air regulations to collect and contain the debris. Piling repairs to five piling will consist of installation of fiberglass jackets filled with grout and mortar. Non-Shrink, Non- Metallic Underwater Grout and FX 70 MP Marine Epoxy (bottom and top seal), or equivalent patching material will be pumped or poured into the jackets form per Manufacturers recommendations. Repair of the piling at Bent 16 will utilize a ½"steel casing instead of a fiberglass jacket.

File No: 12-089
Project Proponent: Ventura County Resource Conservation District
Agent: Sonya Webb
Project Name: Upper SCR Aurundo/Tamarisk Removal Plan
Receiving Waters: Upper Santa Clara River Watershed
City/County: Upper Santa Clara River Watershed, Los Angeles County
Project Status: Pending review
Public Notice: 8/6/2012 to Present
Project Description: The Ventura County Resource Conservation District (VCRCD) proposes to implement the Upper Santa Clara Arundo/Tamarisk Removal Program (Project). Implementation of the Project will coordinate invasive plant removal efforts (primarily Arundo donax and Tamarix spp.), regulatory review, and permitting for the upper Santa Clara River watershed, including its primary, secondary, and tertiary tributaries. Removal methods, herbicide application, and disposal methods for the Project are described in the Upper Santa Clara River Watershed Arundo/Tamarisk Removal Plan. Removal of these invasive, non-native plants is expected to result in enhanced riparian vegetation and wildlife habitat, improved water quality, increased water quantity, and reduced flooding and wildfire hazards, among other benefits.

File No: 12-087
Project Proponent: Ventura County Watershed Protection District
Agent: Angela Bonfiglio Allen
Project Name: J Street Drain
Receiving Waters: Ormond Beach Lagoon
City/County: Oxnard/Port Hueneme, Ventura County
Project Status: Pending Review
Public Notice: 8/8/2012 to Present

Project Description: The purpose of the proposed project is to provide flood protection to the 100-year flood level for the area surrounding J Street Drain. Protection from a 100-year flood is the standard set by FEMA under the National Flood Insurance Program (NFIP). The need for such protection is evidenced by the studies that show the existing drain has the capacity to handle only a ten-year flood event without overtopping the channel. Without the increase in flood protection the local area would continue to be susceptible to flooding, as well as federal requirements to purchase flood insurance for properties within the 100-year flood zone after FEMA remaps the project area in the future.

Along with the proposed increase in drain capacity, the proposed project also includes a Beach Elevation Management Plan (BEMP). The BEMP identifies a set of threshold environmental conditions that together activate the need for reducing the height of the sand berm. Once these threshold conditions are observed, a predetermined list of actions would be implemented to ensure the opening of the lagoon outlet if the water level exceeds a target safe elevation and thereby prevent flooding of developed properties.

File No: 12-081
Project Proponent: El Segundo Power
Agent: MBC Applied Environmental Sciences
Project Name: El Segundo Generating Station Units 3&4
Receiving Waters: Temporary Pacific Ocean, Santa Monica Bay
City/County: El Segundo, Los Angeles County
Project Status: Pending review
Public Notice: 8/1

Project Description: The project proponent is proposing to replace their existing, damaged diver exclusion barrier on the Units 3 & 4 discharge with a new barrier. The new barrier will be pre-fabricated then installed on the discharge structure by divers. In-the-water activities subject to this permit application include the removal of the existing barrier elements and installation of the new barrier.

File No: 12-080
Project Proponent: Los Angeles County Department of Public Works
Agent: Reyna Soriano
Project Name: Oxford Retention Basin
Receiving Waters: Oxford Retention Basin
City/County: Marina Del Ray, Los Angeles County
Project Status: Pending review
Public Notice: 8/1 to Present

Project Description: LADPW proposes to excavate 2,924 cubic yards (CY) of accumulated sediment at the bottom of Oxford Basin to restore the original capacity. The water in the basin will be drained into Basin E using the tide gate structure on Admiralty Way. Any remaining surface water will be diverted. The sediment will be excavated and disposed of according to required protocol for Class I and Class III landfill material. Construct a berm using terramesh with coated PVC wire mesh, 4 to 8 inch rocks. The berm will be constructed between the two existing tides gates to improve water circulation in the basin. Emergent wetlands would be placed along the berm. Construct a 3 foot deep cutoff wall and for the new 14 foot wide boat ramp near the outlet of Project No. 3872 for routine maintenance, trash removal, and water quality monitoring. Remove and replace existing vegetation and contaminated soils along the perimeter of the basin with clean import fill and native vegetation. The sediment will be excavated and disposed of according to required protocol for Class I and Class III landfill material.

File No: 12-079
Project Proponent: United Water Conservation District
Agent: Sara Dowey
Project Name: Geotechnical Investigations on the Santa Clara River Near Saticoy
Receiving Waters: Santa Clara River
City/County: Oxnard, Ventura County
Project Status: Pending review
Public Notice: 7/31 to Present

Project Description: United is proposing to temporarily dewater the survey area and to construct a temporary earthen pad with material borrowed from the adjacent river alluvium. Once the pad is in place, the mud-rotary-wash drill rig will drill approximately 6 borings to depths extending approximately 20 feet into bedrock (anticipated depths range

from 40 to 70 feet). To properly design the foundation of a future ramp to be construction at this location, geotechnical information is needed regarding the subsurface fill, alluvium, and bedrock. To acquire this information, access for exploratory boring equipment is required. This information will help United design a foundation for the ramp that can withstand the high water flows that occur in the Santa Clara River along with the materials that these flows move down the river. Please refer to Attachment I for a draft engineering plan of the hardened ramp fish passage facility.

File No: 12-078
Project Proponent: SCE
Agent: Shirin Tolle
Project Name: Distribution Poles Repair (Santa Clara River) Southern California Edison
Receiving Waters: Santa Clara River
City/County: Los Angeles County
Project Status: Pending review
Public Notice: 7/30 to Present

Project Description: The proposed project will include the removal and the replacement in-kind of wood utility poles on the Balcom 33 kV distribution line adjacent to the Santa Clara River. A jurisdictional delineation included with the NOI determined that the removal of one pole (681897E) and the replacement in-kind of another pole (1008369E) would occur within State jurisdictional wetlands. The total project area within jurisdictional wetlands is less than 1/2 acre and 400 linear feet; i.e., total temporary impacts from the project will be approximately 0.0026 acres. The pole replacement is maintenance of an existing facility, which replaces but does not increase the size or impact of an existing facility. Construction will be completed in less than 90 days. The project will not result in any modification of hydrologic function or drainage of wetlands. The project will not construct a new road; the work will be performed by ground crews using hand tools. All project construction equipment and materials will be located outside of the jurisdictional area; pole removal and replacement will be by crane located in an upland area. The project will not result in clearing of forested wetlands; vegetation will be trimmed either to ground level or tied back,

File No: 10-034
Project Proponent: Caltrans, District 7 - Eduardo Aguilar
Agent: Newton Wong, Caltrans
Project Name: State Route 2 (Ladybug Canyon) Pipe Extension and Slope Stabilization Project
Receiving Waters: Unnamed tributary to Arroyo Seco
City/County: Chilao Flats, Los Angeles County
Project Status: Amendment pending review
Public Notice: 7/19 to Present

Project Description: Caltrans proposes to extend 80" CMP 150 feet downstream to prevent erosion and eliminate the potential for future stream erosion damage at this site. This pipe extension is needed to prevent water from washing out the slope in the future. Other alternatives such as riprap have been considered however, extending the pipe is the most preferred alternative. By placing an 80" CMP in the streambed, the project impact is approximately 150 feet length x 20 feet wide x 1 foot deep.

File No: 12-076
Project Proponent: Jiana ten Brinke
Agent: None
Project Name: Arroyo Simi Habitat Restoration and Enhancement Project
Receiving Waters: Arroyo Simi
City/County: Simi Valley, Ventura County
Project Status: Pending review
Public Notice: 7/19/2012 to Present

Project Description: The proposed project will restore and enhance a total of 54.5 acres of open space in the Calleguas Creek watershed. The project focuses on restoring one large area of habitat by completing a series of smaller projects in the area over time. The focus of the proposed project will be the removal of the non-native, invasive plants such as *arundo* and *tamarisk* and to replant native vegetation as needed. The amount of removal will be determined by the amount of funding obtained on a per project basis. The proposed schedule for the project will take place over 5 years from September 15, 2012- September 15, 2017.

File No: 12-075
Project Proponent: Wood-Claeyssens Foundation
Agent: R.A. Atmore & Sons, Inc.
Project Name: Diablo Canyon Stream Crossing Project
Receiving Waters: Diablo Canyon Stream
City/County: Ventura, Ventura County
Project Status: Pending review
Public Notice: 7/17/2012 to Present

Project Description: The project proposes the installation of a 10 foot diameter corrugated metal pipe, and accompanying head wall, tail wall, and rip rap. The project site is approximately 150 feet in length. The size of the permanent impact area in the channel is approximately 3,700 square feet (0.09 acres). The size of the temporary impact area in the channel is approximately 2,600 square feet (0.06 acres). The construction project would involve an approximately month-long effort using a dozer, loader-backhoe, excavator, concrete truck, dump truck, water truck, compactor and miscellaneous small tools to install the 10 foot diameter corrugated metal pipe comprising the culvert. The proposed schedule for the project will begin in October 1, 2012 and complete on November 16, 2012, with approximately 30 working days.

File No: 12-074
Project Proponent: Golden Oak Ranch
Agent: Deanna Detchemendy
Project Name: Disney/ABC Soundstages Project
Receiving Waters: Placerita Creek
City/County: Santa Clarita, Los Angeles County
Project Status: Pending review
Public Notice: 7/17/2012 to Present

Project Description: The proposed project would provide up to twelve soundstages, production offices, six mills, a warehouse, talent bungalows, a commissary and administration building, a central utility plant, and an electric distribution station within a 58.5 acres. As an alternative option, studio offices rather than four soundstages and two mills could be constructed on the northern portion of the development area. The initial construction is expected to begin in November 2012 and end in February 2015. Impacts to water bodies would occur in the initial phase. Construction of the final phase is expected to begin in August 2108 and end in March 2020.

File No: 12-067
Project Proponent: Juan Martinez
Agent: Jeff Thomas
Project Name: Fitch Avenue Bridge Over Mint Canyon Wash
Receiving Waters: Mint Canyon Wash
City/County: Los Angeles, Los Angeles County
Project Status: Pending review
Public Notice: 6/28 to Present

Project Description: The proposed project is a bridge replacement project located in the Forrest Park area in the unincorporated Los Angeles County area near the City of Santa Clarita. The project consists of replacing the existing two span timber bridge with a single span T-girder reinforced concrete bridge. The existing two-lane bridge is 28 feet wide and 42 feet long. The new bridge will have a 40-feet-wide roadway between curbs and two 6-foot-clear sidewalks. There will be extensive work in the normally dry wash as the old bridge is demolished and reconstructed. Work within the channel is limited to dry season weather. The road will be closed to all traffic during construction. Two existing drains will be replaced with RCP. One new drain will be installed. 71 feet of curb and gutter will be reconstructed due to grade changes. 200 - 300 feet of road reconstruction of asphalt concrete pavement will also be done at the bridge approaches. Two trees will require removal in order to avoid interference with bridge construction.

File No: 12-065
Project Proponent: Caltrans
Agent: Elizabeth Hohertz
Project Name: SR-60/Lemon Ave Interchange Project

Receiving Waters: Unnamed tributary to San Jose Creek
City/County: Diamond Bar, Los Angeles County
Project Status: Pending review
Public Notice: 6/26 to Present

Project Description: The proposed project will construct a partial (three-legged) interchange, with a westbound (WB) on-ramp, an eastbound (EB) off-ramp, and an EB on-ramp at Lemon Avenue. It will also permanently remove the existing EB off- and on-ramps at Brea Canyon Road. An auxiliary lane from the proposed EB on-ramp to the connector to SB SR-57 will be constructed. The existing sound wall along EB SR-60 west of Lemon Avenue will be removed and a new sound wall will be constructed along the edge of pavement of the EB off-ramp. The project will require the permanent partial acquisition of five residential parcels and two business parcels. The project will require 13 temporary construction easements (TCEs) during construction. The SR-60/Lemon Avenue interchange will provide the following features: EB On-Ramp: This ramp will extend east of Lemon Avenue, merging onto SR-60, EB Off-Ramp: This ramp will extend east from SR-60 to Lemon Avenue, and WB On-Ramp: This ramp will extend west of Lemon Avenue merging onto SR-60.

File No: 12-059
Project Proponent: Los Angeles County Flood Control District
Agent: Ken Zimmer
Project Name: Big Tujunga Sediment Removal Project
Receiving Waters: Big Tujunga Creek
City/County: County Unincorporated, Los Angeles County
Project Status: Pending review
Public Notice: Date of receipt to Present

Project Description: As a result of the recent sediment influx, the County of Los Angeles Department of Public Works (LACDPW) on behalf of the Los Angeles County Flood Control District (LACFCD) proposes a sediment removal project to permanently remove up to 4.4 mcy of sediment from Big Tujunga Reservoir. The project will be completed over four years starting in the summer of 2013 and require approximately 1,030 working days for completion. However, the majority of the work within the reservoir will take place outside the storm season (April 16 to October 14). The project will consist of completely dewatering Big Tujunga Reservoir through valve releases and mechanical pumping. A surface water diversion plan including a bypass line will allow flows naturally tributary to the reservoir to bypass construction activities and discharge, without increased turbidity, to the Big Tujunga Creek to avoid impacts to aquatic species including the Santa Ana Sucker located downstream of the dam. The proposed cleanout will keep the reservoir in compliance with LACDPW's operational standards required for both flood protection and water conservation needs of the downstream communities. Water diversion structures will be constructed to allow natural flows from Big Tujunga Creek to bypass the reservoir. The total proposed project size is 68.04 acres.

File No: 12-054
Project Proponent: Iftekhar Ahmed
Agent: Jeff Thomas
Project Name: Machado Lake Rehabilitation
Receiving Waters: Los Angeles Harbor and Pacific Ocean
City/County: Los Angeles, Los Angeles County
Project Status: Pending review
Public Notice: Date of receipt to Present

Project Description: The purpose of this proposed project is to reduce trash coliform bacteria, heavy metals, total suspended solids, organochloride pesticides, PCBs, and nitrogen in Wilmington Drain. The Machado Ecosystem Project will provide quality improvement measures designed to achieve TMDL targets in Machado Lake and the LA Harbor, as well as, improve habitat for fish and aquatic invertebrates, increase native habitat, and encourage inhabitation by special status and nesting bird species.

File No: 12-053
Project Proponent: Donna Kaplan
Agent: Edith Read
Project Name: 5295 Bonsall Drive Malibu, CA- Arizona Crossing Removal and Streambank Restoration

Receiving Waters: Zuma Creek
City/County: Malibu, Los Angeles County
Project Status: Pending review
Public Notice: Date of receipt to Present

Project Description: The proposed project will remove an existing Arizona crossing (partially within Federal Jurisdiction) and associated driveway (outside federal jurisdiction). Streambanks will be restored to natural contours and planted with native riparian vegetation. The proposed construction will take place on June 1, 2013 until September 30, 2013.

File No: 12-046
Project Proponent: Caltrans
Agent: Mary Ngo
Project Name: 5 Freeway Widening and Reconstruction Segment 2 Project
Receiving Waters: Coyote Creek and North Fork Coyote Creek
City/County: La Mirada and Santa Fe Springs, Los Angeles County
Project Status: Pending review
Public Notice: Date of receipt to Present
Project Description: The proposed project includes the Interstate 5 (I-5) freeway to be widened in order to include the addition of one HOV lane and one Mixed Flow lane in each direction. North Firestone Bridge (Bridge No. 53C2194) and Coyote Creek Bridge (Bridge No. 53-3044) will be replaced. The water will be temporarily diverted around the bridge construction area in the Coyote Creek Channel. A water diversion plan will be provided once completed. During the dry season, the existing structures and piers will be removed. Equipment consisting of a 100-200 ton track crane, a backhoe, and an average sized dump truck will temporarily access the dry portion of the Coyote Creek concrete-lined channel and North Fork Coyote Creek concrete-lined channel during the dry season. Equipment will not cross the low flow portion of the channel. The structures that will be constructed over Coyote Creek Channel will be the North Firestone Bridge, the Coyote Creek Bridge, and the storm drain connections (60" RCP and a 30" RCP) to existing outlet structures. North Firestone Bridge is a PC/PS Concrete Slab with a CIP/PC Concrete Overlay on Class 140 Piles. Coyote Creek Bridge is a CIP/RC Concrete Overlay on Class 140 Piles. A 30" RCP will be connected to North Fork Coyote Creek Channel via Junction Structure D. The total size of the proposed project is 0.48 acres.

File No: 12-045
Project Proponent: Rudy Lee; Los Angeles County Flood Control District
Agent: Jemelee Cruz
Project Name: Concrete Lined Channels Maintenance Activities
Receiving Waters: 281 concrete lined channels throughout LA County
City/County: Los Angeles, Los Angeles County
Project Status: Pending review
Public Notice: Date of receipt to Present

Project Description: The proposed project will protect the structural integrity of flood control concrete-lined channels; maintain the channels for vector, trash and odor nuisance control, and to maintain channel's design capacity. Maintenance will be an annual inspection. This responsibility includes conducting routine inspections of the existing channel structure and its appurtenances, and performing routine maintenance repairs, restoration and/or replacement (in-kind) on structural features of the facility.

File No: 12-044
Project Proponent: Christopher Stone; Department of Public Works
Agent: Grace Yu
Project Name: San Gabriel Canyon Spreading Grounds Improvement Project
Receiving Waters: San Gabriel River
City/County: Azusa, Los Angeles County
Project Status: Pending review
Public Notice: Date of receipt to Present

Project Description: The proposed project includes the reconstruction of 1,900 feet long, 4 foot high, earthen berm composed of 4,000 cubic yards of existing material between the upstream and downstream drop structures in the immediate reaches of the intake. The Los Angeles County Department of Public Works, on behalf of the Los Angeles County Flood Control District, intends to reestablish the berm in the San Gabriel River in hopes of increasing water

conservation in this area. All material used to construct the berm will be obtained from deposited sediment within the river. No rip-rap will be used for the construction of the berm. The construction of this berm will require a 14.8 acre space for construction, clearing, grading and sediment removal. In turn, more water could be conserved and recharged at the spreading grounds. The berm will be designed to "wash out" during high flow events, allowing these flows to continue downstream; therefore, the earthen berm will require maintenance after such events. The excess flows will spill over the berm and continue downstream. The berm has since washed out and the pathway to the intake has become overgrown with vegetation. The proposed project will take place from September 2012 until October 2022.

File No: 12-041
Project Proponent: Caltrans; Eduardo Aguilar
Agent: Joel Bonilla
Project Name: Santa Paula Creek and Sisar Creek PM 29.4 and PM 27/37
Receiving Waters: Santa Paula Creek and Sisar Creek
City/County: Ojai, Ventura County
Project Status: Pending review
Public Notice: Date of receipt to Present

Project Description: The purpose of this project is to protect public safety by addressing the structural deficiencies on State Route 150 (SR-150) along the slope between the road and Santa Paula Creek and Sisar Creek. The proposed project is located on the SR-150 near the Santa Paula and Sisar Creek in Ventura County on the creek side of the highway at PM 29.4 and 27.37. The purpose of this project is to stabilize the slopes by installing erosion control barriers along the road shoulder at both locations (29.4 PM and 27.37 PM) with the addition of a retaining wall at the bottom of the embankment at PM 29.4. Neither site will require water diversion or encroach into the low flow portion of the channel. The project is expected to be completed by November 2012 through June 2013, with approximately 100 working days.

File No: 12-036
Project Proponent: City of Los Angeles
Agent: Stephanie Gasca, PCR Services Corporation
Project Name: Osborne Street Bridge Replacement
Receiving Waters: Kagel Canyon Creek tributary to Little Tujunga Canyon Wash
City/County: Lake View Terrace Community, Los Angeles County
Project Status: Pending review
Public Notice: 4/25/12 - Present

Project Description: The proposed work entails replacing the existing two-span, two-lane bridge with a single span reinforced concrete slab bridge that will maintain the approximate dimensions of the original bridge (approximately 86 feet by 45 feet). To avoid major reconstruction activities within Kagel Canyon Creek, the existing wing walls and structural concrete channel slab will be left in place and tied to the rebuilt bridge abutments. The new abutment walls will be constructed on casted reinforced concrete pile foundations to prevent future undermining. As a result, approximately 0.07 acre of temporary impacts will occur to waters of the United States. Reconstruction of the wing walls and associated foundation will only be necessary if they are inadvertently damaged during the demolition. The project will be phased to prevent the interruption of traffic flow. The western portion of the bridge will be constructed followed by the eastern portion. Temporary shoring activities for excavations over 5 feet will be required during demolition and construction activities. As part of the project, it is necessary to remove accumulated sediment from under the bridge overlaying the concrete channel. This will present a net benefit to water quality by eliminating the horse "waste" incorporated within the accumulated sediment that inadvertently reached the channel and by preventing excessive sedimentation downstream. The project is proposed to begin in January of 2013 and continue through December 31, 2017, for a duration of 720 work days.

File No: 12-034
Project Proponent: Vista Canyon Ranch LLC
Project Name: Vista Canyon
Receiving Waters: Santa Clara River
City/County: Santa Clarita, Los Angeles County
Project Status: Pending review
Public Notice: 4/24/12 - Present

Project Description: The Applicant plans to develop the 185 acre project site with up to 1,100 residential units and up to 950,000 square feet of commercial floor area. Additionally, the project would include a Metrolink Station, Bus Transfer Station, Water Reclamation Plant, and various recreational amenities. The project includes the construction of Vista Canyon Road Bridge, a new 64-foot wide by 750-foot long bridge to be constructed across the Santa Clara River. The bridge would utilize conventional concrete girders placed over concrete filled piers; three of the seven piers for the bridge lie within federal jurisdictional, amounting to 0.14 acres of fill. A combination bike/pedestrian trail undercrossing would be located on both the north bridge abutment and the south bridge abutment. Both trails will provide recreational and commuter connections to the project, the future Metrolink Station, and Bus Transfer Station. A temporary disturbance zone of 80 feet would be needed on each side of the bridge for construction. Construction is projected to start in April 2013 and be completed by December 2017.

File No: 12-032
Project Proponent: California Department of Transportation
Agent: Peter Champion, California Department of Transportation
Project Name: VEN-33 Soil Nail Wall Project
Receiving Waters: North Fork Matilija Creek
City/County: Ojai, Ventura County
Project Status: Pending review
Public Notice: 4/18/12 - Present

Project Description: Caltrans proposes to remove, in stages, existing grouted rock slope protection and build an approximately 500 foot long soil-nail wall in its place on State Route 33 at Post Mile 15.7-15.8. An excavator with a breaker attachment will be used to break up the existing grouted RSP from the roadway, creating a bench that equipment can be lowered into in order to begin construction of the wall. The wall will be constructed from the top down until reaching bed rock, and will consist of soil nails(steel bars) drilled horizontally into the ground approximately five feet apart and then grouted into place. A wall face will then be constructed with steel mesh and concrete. The wall will be tied into the existing RSP on each end by 1:1 sloped grouted 2-4 ton RSP that will prevent stream flows from flanking the wall. The proposed wall will range in height from 20 to 30 feet tall that is based on the depth of bedrock and height of existing roadway. The widened streambed will then be restored to a natural condition that blends with the rest of the existing creek bed. This will include placing boulders, cobbles, gravel and other fines, as well as in-kind replanting of any native riparian vegetation that is removed. A water diversion system will be put into place prior to the initiation of construction activities: This will include a gravel bag coffer dam constructed across the channel directly downstream of the SR-33 Bridge No. 52-44. Then a 36 inch diameter corrugated HDPE pipe will be placed along the toe of the existing undermined RSP for over 500 feet. In areas with steep drops, the pipe will be placed on gravel bag berms for support. The project is expected to start in June 2013 and last for 100 working days through November 2013. The total project size is 0.5 acres with 0.23-acre of vegetated streambed permanently impacted and 0.12-acre of vegetated streambed temporarily impacted.

File No: 12-026
Project Proponent: California State University Fullerton
Agent: Colin A. Kelly, Orange County Coastkeeper
Project Name: Restoration of native oysters, *Ostrea lurida*, in Alamitos Bay, CA
Receiving Waters: Alamitos Bay
City/County: Long Beach, Los Angeles
Project Status: Pending review
Public Notice: 4/9/12 - Present

Project Description: The Applicant proposes a native Olympia oyster, *Ostrea lurida*, restoration effort at the Jack Dunster Marine Reserve in Alamitos Bay. The oyster bed will be created using dead oyster shell provided by Carlsbad Aquafarm. These shells have been out of water for at least 6 months ensuring that no living foreign organisms will be introduced into Alamitos Bay. The oyster shell will first be hung in shell strings off of private and public docks around Alamitos Bay throughout summer 2012 and summer 2013 and will attract natural recruitment of spat. Each participating homeowner or student group will be provided with multiple (1-5) strings; each string will consist of 10 oyster shells arrayed vertically onto a 12-inch long piece of 16 gauge steel galvanized wire with a loop on the top and attached to polypropylene line for easy deployment off docks. After a 30-45 day grow-out phase and after a thin layer of dead shell is spread out as a platform, the shells will be removed from the strings and placed onto the mudflat at Jack Dunster Marine Reserve to form a bed by the volunteers. Over the two summers, the bed will accumulate more shells up to a maximum dimension of 30 by 2 square meters to a depth of about 12 centimeters. The total volume of shell material added, given the above measurements, will be 9.4 cubic yards and will cover 0.015 acres of mudflat.

Following the creation of the mudflat, spatfall will be monitored through May 2014, and density and survivorship of recruits will be tracked on the constructed bed relative to the control plot. In addition to monitoring recovery of oysters, the Applicant will examine the effects of biodiversity of the habitat by sampling epifaunal and infaunal community structure of all invertebrates (including oysters) inside and outside of experimental plots and control plots for up to 24 months.

File No: 12-025
Project Proponent: U.S. Army Corps of Engineers
Project Name: Santa Paula Creek Project
Receiving Waters: Santa Paula Creek
City/County: Santa Paula, Ventura
Project Status: Pending review
Public Notice: 3/29/12 - Present

Project Description: The purpose of the project is to provide and maintain flood risk management and fish passage for federally endangered southern steelhead within the Santa Paula Creek flood risk management channel (FRMC). The project activities consist of repairs to the existing fish ladder weirs and clarification of operations and maintenance activities for the overall Project, including a refinement to the allowable sediment profile and design invert for the existing flood risk management channel. Fish ladder repairs and operations and maintenance activities involve equipment and vehicle use within the river bed and channel area. Temporary structures or berm/fills may be required to divert and re-route flowing water around the work area should water be flowing in the river when work occurs. Pumping pooled water from the work area may also be required. The water that is diverted or pumped from the work area would be discharged into or remain within the channel. The diversion structures would be removed at completion of the construction or operations and management activities.

File No: 12-018
Project Proponent: RB Engineers, Inc.
Agent: Resur Bongolan, RB Engineers, Inc.
Project Name: Proposed Rear-Yard Landscape
Receiving Waters: Kenter Creek
City/County: Santa Monica, Los Angeles
Project Status: Pending review
Public Notice: 3/8/12 - Present

Project Description: The project has three main purposes: to create two wood bridges with a guardrail, repair broken concrete gabion walls as border material, and replace the deck and build the spa. First, all existing rear yard structures will be demolished. Approximately 7 holes will be dug for the deck, and re-bars will be placed in the hole and filled with concrete. Every hole will be interconnected on the surface by concrete grade beams which will be covered by a concrete slab and then a wooden deck. Similar holes will be dug and filled near to the deck to support the spa to be constructed upon it. Four more holes will be dug for the two bridges, which will be built upon these composite (concrete/steel) filled holes. On the north-side of the property, 4 similar holes will be dug and filled to support concrete retaining walls adjacent to the slope. Stone pavement will be placed on the north-west side of the rear yard. And, at the stream, gabion stone walls will be removed and replaced by hand with new gabion stone walls wherever necessary. Mid-stream, the two existing boulders with the connective wood plank will be removed within the stream and replaced with dirt fill. The project is proposed to start up in June of 2012 and last for four months.

File No: 12-016
Project Proponent: County of Los Angeles Department of Public Works
Agent: Janea Russell, LADPW
Project Name: Little Tujunga Canyon Road over Pacoima Creek
Receiving Waters: Pacoima Creek
City/County: Los Angeles, Los Angeles
Project Status: Pending review
Public Notice: 2/28/12 - Present

Project Description: The Applicant wishes to replace the existing bridge structure, a timber A-frame bridge located at Little Tujunga Canyon Road over Pacoima Creek within the Angeles National Forest. The new bridge will be a single-span precast pre-stressed concrete I-girder structure spanning 65 feet across Pacoima Creek. The bridge will be supported on a cast-in-steel-shell pile foundation. The bridge will have a total width of 35 feet and 6 inches. The

proposed new bridge will have wingwalls at all corners of the bridge. Caltrans' Type 25 concrete barrier with tubular handrail will be placed on both sides of the bridge. The total length of improvements, including the bridge and approach work, is 240 feet along Little Tujunga Canyon Road. All permanent improvements will be located within existing road right-of-way; however, temporary easements will be required during construction. The project is proposed to start in 2012 and have duration of 180 days, to be completed by 2017.

File No: 12-011
Project Proponent: Nicolas Teng and Huang Chien Y
Agent: Thomas Murphy, M3 Civil, Inc.
Project Name: Calleguas Creek Fill Removal and Restoration
Receiving Waters: Calleguas Creek
City/County: Somis, Ventura
Project Status: Pending review
Public Notice: 2/1/12 - Present

Project Description: The Applicant proposes to remove debris and earthen materials deposited into riparian areas, recontour the banks to mimic natural conditions and restore all disturbed areas. The project involves the removal of approximately 44,000 cubic yards of imported fill that was placed within the jurisdictional boundaries of Calleguas Creek in 2006. Excavated soil will be screened for unacceptable material. The clean fill portion of the encroaching material will be removed and placed along for westerly Calleguas Creek embankment outside the jurisdictional boundary. The finished channel sloping will be lined with ungrouted ½ ton rock riprap. The project is estimated to affect 8.0 acres of the Calleguas Creek watershed.

File No: 12-010
Project Proponent: Pardee Homes
Agent: Lesley Lokovic, Glenn Lukos Associates
Project Name: Fair Oaks Ranch Detention Basin Maintenance Project
Receiving Waters: Santa Clara River
City/County: Santa Clarita, Los Angeles
Project Status: Pending review
Public Notice: 1/31/12 - Present

Project Description: The Applicant proposes to conduct routine maintenance of ten detention basins within the Fair Oaks Ranch Project, all of which are subject to regulation by the Regional Board. The project primarily involves periodic excavation, land clearing, repair, and maintenance of existing detention basin structures and appurtenances, fire hazard clearing, and vegetation removal to restore the basins to their original flood design capacity. Continued maintenance and excavation is needed at these facilities for the protection of the public and prevention of property damage and loss of life due to flooding. Project activities will include the removal of mud, rock and debris from ten detention basins. In addition to sediment removal and disposal, other ongoing annual maintenance activities associated with detention basins include: annual mowing of vegetation within 25 percent of the basin capacity; clearing vegetation and debris from the outlet towers and discharge conduits; maintenance of an entrainment channel (no more than 10 feet wide) and a 15-foot wide area immediately around outlet towers of basin (20-foot wide for basins with inspection manholes located above the outlet towers); repairing access roads, eroded basin slopes and embankments, spillways, down drains, trash barriers, outlet towers, inlet chutes, fencing, facing slabs, buildings, and their appurtenances; removing ponded water, trash, and invasive vegetation/weeds for vector control purposes; annual fire hazard vegetation clearing; vector control spraying; and clearing of dam face and embankments.

File No: 12-009
Project Proponent: City of Ventura
Agent: Brian McCarthy, Envicom Corporation
Project Name: Sanjon Barranca Maintenance Project
Receiving Waters: Sanjon Estuary
City/County: Ventura, Ventura
Project Status: Pending review
Public Notice: 1/30/12 - Present

Project Description: The proposed project would alleviate flooding conditions and reduce flood maintenance safety hazards. The project would involve the creation of a channel within the berm at the west boundary of the barranca. The excavated sediment from the channel would be side-cast onto the adjacent beach sand. Mobilization of equipment, personnel foot-traffic, excavation, and side casting of sand would avoid the vegetated sand dune areas. Based on similar past flood protection activities at this location, the proposed channeling would allow the storm water to flow through and progressively erode the sediment berm until the discharge at the lower elevation of surface toward the ocean reaches an equilibrium that relieves the flooding in the upstream stretch of the Barranca. As such, it is expected that natural fluvial forces would do most of the "work" beyond the initial excavation as the sand/sediment is unconsolidated and highly erodible. However, for purposes of this permit application, we conservatively estimate that the flood control activity may initiate a channel of up to eight feet wide, six feet deep, and 80 feet in length before reaching the appropriate lower elevation. Based on this estimated area, the total possible soil side casing could include up to 142 cubic yards. The side casting would place the sediment and sand on the beach in the same general area of the digging. Excavation of the proposed channel would occur within the upland portion of the beach, except for where the channel would connect with the barranca.

File No: 12-007
Project Proponent: Sherwood Development Company
Agent: Travis Cullen, Envicom Corporation
Project Name: Carlisle Bridge Improvement
Receiving Waters: Carlisle Canyon Creek
City/County: Santa Monica Mountains, Ventura
Project Status: Pending review
Public Notice: 1/24/12 - Present

Project Description: The Applicant proposes to remove the existing substandard Carlisle Road Bridge and replace it with a sound structure with the flow capacity to convey flows generated during a 100-year event. The project seeks an extension of the current 401 Certification to complete the following activities: create a temporary by-pass road, remove the two existing bridge abutments and bridge deck, expand the width of the banks to increase the carrying capacity of the channel under Carlisle Road, install the new abutments at the expanded width, install the new deck and roadbed, and remove temporary by-pass road. The proposed bridge has been designed based on hydrological calculations and will span 102 feet in length and 32 feet in width. The abutments will be cast in place concrete with reinforced steel. The bridge will be supported by a steel super structure, with a metal pan, concrete deck and an asphalt surface with guardrails. As a result of the proposed improvements, the Carlisle Bridge will result in 0.001 acres of permanent and 0.09 acres of temporary impacts to Wetlands and Waters of the United States. The project is currently under construction and is expected to be completed prior to February 1, 2013.

File No: 12-001
Project Proponent: The Boeing Company
Agent: Glenn Jaffe, MWH
Project Name: Northern Drainage Restoration Mitigation and Monitoring
Receiving Waters: Unnamed ephemeral drainage flowing to Arroyo Simi
City/County: Simi Hills, Ventura
Project Status: Pending review
Public Notice: 1/5/12 - Present

Project Description: The Applicant proposes restoration, mitigation, and monitoring activities to restore vegetation, natural drainage and to minimize sediment transport within and into the drainage. The goal of the proposed work is to restore remediation areas in the drainage to the condition it was in prior to several soil, sediment, debris, and materials' removal activities. The proposed in-stream stabilization measures include check structures, bank protection (including toe protection), and culvert outlet energy dissipation. Additionally, demolition or removal of existing structures and in-stream boulders, which direct flow into susceptible banks, will be performed. The total project size is 5.4 acres, and the project is scheduled to start in Spring 2012 and last for about five years to be completed in 2018.